

THE EFFECTIVE DATE OF THIS ORDINANCE IS OCTOBER 1, 2008

ORDINANCE NO. 08-16-492

Amendments to the Frederick County Plumbing Code

Whereas, under Section 3(s) of Article 25 of the Annotated Code of Maryland, the Board of County Commissioners of Frederick County, Maryland, is authorized to adopt a plumbing code and to incorporate by reference a plumbing code promulgated by any Trade or Professional Association; and

Whereas, the Board of County Commissioners wishes to adopt the latest edition of the International Code Council's (ICC) International Plumbing Code, 2006 Edition, to conform the County regulations to current standards; and

Whereas, the Board of County Commissioners wishes to make certain local changes to, and exclusions from, the International Plumbing Code, 2006 edition, as are shown on the attached Exhibit A.

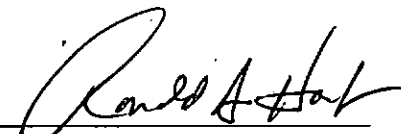
NOW THEREFORE, BE IT ENACTED AND ORDAINED BY THE BOARD OF COUNTY COMMISSIONERS OF FREDERICK COUNTY, MARYLAND, that the text amendments attached hereto as Exhibit A are hereby adopted;

AND BE IT FURTHER ENACTED AND ORDAINED that this Ordinance shall take effect on October 1, 2008. A fair summary of this Ordinance shall be published in the Frederick News Post and a copy shall be filed with the Clerk of the Circuit Court for Frederick County prior to the effective date.

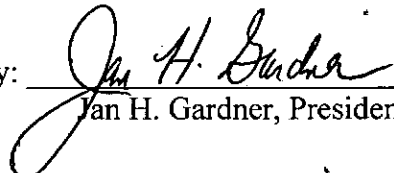
The undersigned hereby certifies that the foregoing Ordinance was approved and adopted on the 17th day of June, 2008.

ATTEST:

BOARD OF COUNTY COMMISSIONERS
OF FREDERICK COUNTY, MARYLAND



Ronald A. Hart
County Manager

By: 

Jan H. Gardner, President

Kam
6/20/08

EXHIBIT A – PLUMBING CODE

§ 1-14-56. ADOPTION.

There is hereby adopted by the Board of County Commissioners those certain plumbing regulations known as the [2003]**2006** Edition of the International Plumbing Code, and the whole thereof; and the same is hereby adopted, ratified and incorporated as fully as if set out at length herein SUBJECT TO THE LOCAL AMENDMENTS DESCRIBED BELOW IN § 1-14-57.

§ 1-14-57. AMENDMENTS.

The International Plumbing Code is hereby amended and changed AS DESCRIBED AND SHOWN BELOW[~~in the following respects~~].

* * * * *

Section 410.1 is hereby amended as follows:

410 Approval. Drinking fountains shall conform to ASME A112.19.1, ASME A112.19.2, or ASME A112.19.9M, and water coolers shall conform to ARI 1010. DRINKING FOUNTAINS AND WATER COOLERS SHALL CONFORM TO NSF 61, SECTION 9. Where water is served in restaurants drinking fountains shall not be required.

Subsection 412.4 is hereby amended to add the following text:

Floor drains shall be located in toilet rooms containing two (2) or more water closets or a combination of one water closet and one urinal, except in dwelling units. Floor drains shall be required in commercial kitchens.

SUBSECTION 415 IS HEREBY AMENDED TO ADD THE FOLLOWING NEW SUBPARAGRAPHS:

415.3 PROHIBITED LOCATIONS. LAUNDRY TRAYS AND MOP SINKS SHALL NOT BE LOCATED IN, NOR ACCESSED THROUGH, PUBLIC RESTROOMS.

415.4 WALL AREA. THE WALL AREA AROUND MOP SINK BASINS SHALL BE CONSTRUCTED OF SMOOTH WATERPROOF MATERIALS TO A MINIMUM HEIGHT OF 36", BUT NO LESS THAN THE HEIGHT OF THE FAUCET. WATERPROOFING MATERIALS OF EPOXY OR PAINT COATINGS ARE PROHIBITED.

Additions to text are shown in CAPITAL letters (where possible) or bold and underlined. Deletions from the text are shown in [brackets] and ~~strike-through~~.

Subsection 417.1 is hereby amended to add the following text:

Fiberglass or plastic tub and shower enclosures cannot be installed with faucets back to back unless approved by administrative authority.

Subsection 417.4.1 is hereby amended to add the following text:

No windows shall be in the 70-inch wall area. WATERPROOFING MATERIALS OF EPOXY OR PAINT COATINGS ARE PROHIBITED.

SUBSECTION 419.3 IS HEREBY AMENDED TO ADD THE FOLLOWING TEXT:

WATERPROOFING MATERIALS OF EPOXY OR PAINT COATINGS ARE PROHIBITED.

* * * * *

SUBSECTION 606.1, LOCATION OF FULL-OPEN VALVES, IS HEREBY AMENDED TO ADD A NEW SUBPARAGRAPH:

9. AFTER TEE FOR SPRINKLER SYSTEM ON THE DOMESTIC SIDE.

Subsection 606.5.8 is hereby amended to add the following text:

Any pressure tank installed in a basement and/or crawl space shall be a minimum of seven and one-half (7½) inches above finished grade. All water pressure tanks and apparatus for mobile homes shall be installed in the confines of the living space. In every case, the only exception shall be those tanks installed a minimum of eighteen (18) inches from the top of the tank to finished grade in an approved manhole with water tight lid, a minimum of six (6) inches above finished grade.

SUBSECTION 606.7 IS HEREBY ADDED AS FOLLOWS:

SUBSECTION 606.7 DEAD ENDS. IN THE INSTALLATION OR REMOVAL OF ANY PART OF THE WATER DISTRIBUTION SYSTEM, DEAD ENDS SHALL BE PROHIBITED. FUTURE WATER DISTRIBUTION PIPING SHALL BE ALLOWED WHEN VALVES ARE PROVIDED WITHIN 2 FEET (610 MM) OF THE BRANCH TEE AND ARE TAGGED AS TO THEIR PURPOSE. VALVES SHALL BE KEPT IN THE CLOSED POSITION FOLLOWING TESTING.

SUBSECTION 608.16.4, CONNECTIONS TO AUTOMATIC FIRE SPRINKLER SYSTEMS AND STANDPIPE SYSTEMS, IS HEREBY AMENDED TO DELETE EXCEPTIONS (1.) AND (2.).

Additions to text are shown in CAPITAL letters (where possible) or bold and underlined. Deletions from the text are shown in [brackets] and ~~strike-through~~.

Subsection 608.17 is hereby deleted in its entirety.

701.2 SEWER REQUIRED IS HEREBY DELETED AND REPLACED WITH THE FOLLOWING:

EVERY BUILDING IN WHICH PLUMBING FIXTURES ARE INSTALLED AND ALL PREMISES HAVING DRAINAGE PIPING SHALL BE CONNECTED TO A PUBLIC SEWER, WHERE AVAILABLE, OR AN APPROVED PRIVATE SEWAGE DISPOSAL SYSTEM IN ACCORDANCE WITH CODE OF MARYLAND (COMAR) REGULATIONS.

* * * * *

Subsection 1003.2.1 is hereby amended to add the following text:

All grease interceptors shall be placed outside of the building and be located as close as possible to the grease source. AN UNDERGROUND 1,600-GALLON, 3-COMPARTMENT TANK OF APPROVED MATERIAL AND DESIGN SHALL BE USED.
EXCEPTION 1: GREASE TRAPS MAY BE PLACED INSIDE BUILDING BY ADMINISTRATIVE AUTHORITY.
EXCEPTION 2: A TANK LESS THAN 1,600 GALLONS MAY BE USED AS ALLOWED BY ADMINISTRATIVE AUTHORITY. ~~[A 1000-gallon cement tank or other tank designed to be placed underground shall be used. Exception 1. Grease traps may be put inside building by administrative authority.]~~

DIAGRAM 1003.2.2 IS HEREBY REPLACED WITH THE FOLLOWING:



SECTION 1003.3.4, GREASE INTERCEPTORS, IS HEREBY AMENDED TO READ AS FOLLOWS:

GREASE INTERCEPTORS SHALL CONFORM TO PDI G101, ASME A112.14.3 OR ASME A112.14.4 AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

SUBSECTION 1003.3.5 IS HEREBY DELETED IN ITS ENTIRETY.

Additions to text are shown in CAPITAL letters (where possible) or bold and underlined. Deletions from the text are shown in [brackets] and ~~strike-through~~.

Section 1003.4. Add the following text after subsection 1003.4.

Interceptors.

A. In a structure where a public sanitary sewer is available, the waste pipe from oil and sand interceptors shall discharge, if installed, into the public sanitary sewer, or any more restrictive manner as otherwise mandated by an applicable administrative authority.

B. New construction.

1. Any new construction of a structure, where public sanitary sewers are not available, shall have the option to either:

(i) Construct the structures without any floor drains; structures without floor drains must operate to minimize waste and prevent wastewater from leaving the shop area and discharging to the environment; or

(ii) If drains are included, ensure that each drain shall flow into an approved sand interceptor which shall drain into a 1,000 gallon or larger approved holding tank.

2. An oil and water separator is not required when the waste discharges into a holding tank.

C. Existing structures.

1. In areas where public sanitary sewers are not available, existing structures that are being renovated or enlarged shall either:

(i) Permanently plug all existing floor drains; structures which plug their floor drains must notify the Maryland Department of Environment, Ground Water Permits Program, prior to drain closure, and must operate to minimize waste and prevent wastewater from leaving the shop area and discharging to the environment, or

(ii) retrofit all existing floor drains so as to allow them to flow into an approved sand interceptor which shall drain into a 1,000 gallon or larger approved holding tank WHICH IS EQUIPPED WITH A HIGH LEVEL ALARM.

2. An oil and water separator is not required when the waste discharges into a holding tank.

D. If an underground tank is installed, it shall be corrosion protected and designed according to COMAR 26.10.03.

E. Any new construction of a structure or renovation of an existing structure which discharges liquid wastes as described in section 1003 of International Plumbing Code or Additions to text are shown in CAPITAL letters (where possible) or bold and underlined. Deletions from the text are shown in [brackets] and ~~strike-through~~.

which discharges other industrial waste waters shall have the option of discharging into an on-site subsurface disposal system, providing the facility's owner/ operator applies for and obtains from the Maryland Department of Environment a water discharge permit issued pursuant to the provisions and conditions of COMAR 26.08.01-26.08.04.

Where approved and approved point of discharge.

A. Sand and oil interceptors shall be provided wherever floors, pits, or surface areas subject to the accumulation of grease or oil from service or repair operations are drained or washed into a drainage system. Such locations include, but are not limited to: car or truck washing facilities, engine cleaning facilities, and similar operations. Drainage from such locations shall be connected to the sanitary sewer.

B. Drains shall not be required in service or repair garages employing dry absorbent cleaning methods; however, if any drains are located in such areas, they shall discharge to the sanitary sewer through sand and oil interceptors.

C. Drains shall not be required in parking or service garages unless the garage or portions thereof is equipped with provisions for either washing vehicles or rinsing the floor. Where such cleaning facilities are provided the area subject to waste drainage shall be provided with a system of one or more floor drains, complete with sand and oil interceptors, and the drainage from the oil interceptor shall be connected to the sanitary sewer. Any storm water shall be drained separately and directly to the storm sewer.

D. The waste oil tank used with the oil interceptor shall not be used to store or contain any other waste oil or hazardous fluid. Crankcase oil cannot be dumped into or stored in this waste oil tank.

Subsection 1003.4.2.1 is hereby amended to add the following text.

A. Oil separators shall have a 3" minimum discharge line and a 2" minimum vent to atmosphere. The discharge line shall have a full-size cleanout extended to grade.

B. The oil draw-off or overflow from oil separators shall be connected to an approved waste oil tank meeting the environmental requirements of the administrative authority. The waste oil from the separator shall flow by gravity or may be pumped to a higher elevation by an automatic pump. Pumps shall be adequately sized, explosion-proof and accessible. Waste oil tanks shall have a 2" minimum pump out connection and a 1-1/2" minimum vent to atmosphere AND SHALL BE EQUIPPED WITH A HIGH LEVEL ALARM.

C. Where oil separators are subject to backflow from a sewer or other point of disposal, their discharge line shall include a backwater valve installed in accordance with the requirements of Section 715.

Additions to text are shown in CAPITAL letters (where possible) or bold and underlined. Deletions from the text are shown in [brackets] and ~~strike-through~~.

D. Oil interceptors, waste oil tanks, oil pump out connections, backwater valves, and atmospheric vent piping shall be permanently identified by suitable labels or markings.

E. Combination oil and sand interceptor may be installed if approved by the administrative authority.

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APPENDIX C IS HEREBY ADOPTED, WITH THE FOLLOWING AMENDMENTS:

SUBSECTION C101.3 IS HEREBY DELETED IN ITS ENTIRETY.

SUBSECTION C103 IS HEREBY DELETED IN ITS ENTIRETY.

Chapter 1 of the 2003 International Fuel Gas Code is hereby deleted in its entirety.

The following Incorporation by Reference is hereby added:

COMAR 26.04.02 Sewage Disposal and Certain Water Systems for Homes and Other Establishments in the Counties of Maryland Where Public Sewage System Is Not Available.

COMAR 26.04.03 Water Supply and Sewage Systems in the Subdivisions of Land in Maryland.

The following Requirements for Show Rooms, Offices, Shops and Trucks is hereby added:

Subsection 1-14-1(f). Licensing of plumbers. Every person who holds himself or herself out to the public as a master plumber by advertising, telephone directory listing, business card, stationary, or any exhibit, shall display in a conspicuous place at his or her principal place of business and on all vehicles used for plumbing work by him or her or under his or her direction and control:

- 1) The name or names of each registered master plumber;
- 2) The words "registered plumber" or "registered plumbers;"
- 3) The Maryland State Certificate Number or Numbers; and
- 4) The Frederick County Certificate Number.

Additions to text are shown in CAPITAL letters (where possible) or bold and underlined. Deletions from the text are shown in [brackets] and ~~strike-through~~.